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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/677,795	09/30/2003	Pao-Tien Hung	PUSA030911	9601

7590 08/04/2004
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EXAMINER

GILMAN, ALEXANDER

ART UNIT PAPER NUMBER

2833

DATE MAILED: 08/04/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/677,795	HUNG, PAO-TIEN	
	Examiner	Art Unit	
	Alexander D Gilman	2833	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 September 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,3-5,8 and 11 is/are rejected.
- 7) ☒ Claim(s) 2,6,7,9 and 10 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 30 September 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 3-5, 11 are rejected under 35 U.S.C. 102(b) as being anticipated by Abe.

With regard to claim 1, Abe (US 5,713,756) discloses (Fig. 1) a wire connector comprising a main body (41),

an upper cover (53), an upper cutter (61)

a lower cover (53), and a lower cutter (61) wherein:

the main body has an inner wall formed with a receiving chamber;

the upper cover is mounted in an upper portion of the receiving chamber of the main body and has a channel (Fig. 2a) ; the upper cutter (61) is inserted into the channel of the upper cover and has a surface formed with a plurality of equally spaced cutting slots;

the lower cover (53) is mounted in a lower portion of the receiving chamber of the main body and has an inside formed with a channel; and the lower cutter (53) is inserted into the channel of the lower cover and has a surface formed with a plurality of equally spaced cutting slots (col. 4, lines 19-23).

With regard to claim 3, Abe discloses that the receiving chamber of the main body has a periphery formed with a plurality of insertion recesses (77).

With regard to claims 4 and 5, Abe discloses that each of upper and lower cover has two ends (75) each having a lower/upper portion formed with a guide plate having an outer wall formed with two locking hooks each locked in a respective one of the insertion recesses of the receiving chamber of the main body.

With regard to claim 11, Abe discloses that the lower cutter (61) is substantially U-shaped.

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Claims 1, 8, are rejected under 35 U.S.C. 102(b) as being anticipated by Zander et al

With regard to claim 1, Zander et al (US 5,429,530) disclose a wire connector comprising

a main body (49),

an upper cover (37), an upper cutter (27, 26)

a lower cover (56), and a lower cutter (19), wherein:

the main body has an inner wall formed with a receiving chamber;

the upper cover is mounted in an upper portion of the receiving chamber of the main body and has a channel (28); the upper cutter is inserted into the channel of the upper cover and has a surface formed with a plurality of equally spaced cutting slots;

the lower cover (56) is mounted in a lower portion of the receiving chamber of the main body and has an inside formed with a channel; and the lower cutter (19) is inserted into the channel of the lower cover and has a surface formed with a plurality of equally spaced cutting slots (65, 66).

With regard to claim 8, Zander et al disclose that the upper cutter (27, 26) is a single-plate conductive plate.

Allowable Subject Matter

Claims 2, 4 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

No prior art has been found to anticipate or render obvious the presently claimed subject matter.

Specifically, none of the prior art of record discloses the combination of the limitations presented including

the receiving chamber of the main body having an oblong shape (claim 2).

the upper and lower cover each comprising two side walls each having a lower portion formed with a plurality of arc-shaped grooves (claims 6, 9).

the upper/lower cover having a top/bottom formed with an action portion having a first section formed

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with an oblique face and a second section formed with an arcuate face (claims 7, 10).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alexander D Gilman whose telephone number is 571 272-2004. The examiner can normally be reached on Monday-Friday, 10:30 a.m. - 8:00 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paula A. Bradley can be reached on 571 272-2800 ext. 33. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

07/29/2004



**ALEXANDER GILMAN
PRIMARY EXAMINER**